

MATERIAL SAFETY DATA SHEET

MSDS

DATE: 03/05/96

MSDS #: 562468

NEW [X]

REVISED []

PURSELL INDUSTRIES, INC.

P.O. Box 540

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EMERGENCY PHONE NUMBERS:

PURSELL: 1-800-633-6560

CHEMTREC: 1-800-424-9300

SECTION - I - PRODUCT INFORMATION

PRODUCT NAME: **Parker's River Pebbles, Parker's Pea Gravel, and
Parker's Egg Rock**

PRODUCT NUMBER: 562468, 556003,
556005

CHEMICAL NAME: Natural Sand or Gravel.

NFPA RATING: Health - 1 Flammability - 0 Reactivity - 0 Special - None

NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

SECTION - II - INGREDIENT INFORMATION

INGREDIENT	CAS NUMBER	PEL	TLV	% BY WEIGHT
Natural Sand or Gravel	NONE	NI	NI	100.00
Quartz (Crystalline silica) typically >1.00%	14808-60-7	30 mg/M ³ ÷ (%quartz+2)	30 mg/M ³ ÷ (%quartz+3)	
Respirable dust = 10 mg/M ³ ÷ (%quartz+2)				

SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA

Bulk Density: Specific gravity 2.55 - 2.80

Vapor Pressure (mmHg): 0

Melting Point: NA

Vapor Density (Air =1): NA

Evaporation Rate (Butyl Acetate=1): NA

Solubility in Water: Negligible.

Appearance and Odor: Angular or round multi-colored particles. No odor.

SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA

Flammable Limits: LEL: NA

UEL: NA

Extinguishing Media: None required.

Special Fire Fighting Procedures: Use extinguishing media suitable for the surrounding fire.

Unusual Fire and Explosion Hazards: None known.

SECTION - V - REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to avoid): None known.

Hazardous Decomposition or Byproducts: None known.

Hazardous Polymerization: Will not occur.

SECTION - VI - HEALTH HAZARD DATA

ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

Route(s) of entry: Inhalation.

Eyes: May cause moderate irritation. If eye contact occurs, flush eyes with running water for 15 minutes.

Skin: May cause moderate irritation. Wash with soap and water if irritation occurs.

Inhalation: May cause moderate irritation to the nose, throat, and lungs. If prolonged inhalation of dust occurs, remove to fresh air.

Dust in throat and nasal passages should clear spontaneously.

Signs and Symptoms of Exposure: Irritation to eyes, skin, or respiratory tract. No chronic health effects data have been established. Exposure limits vary with the percent quartz in dust. All limits are for 8-hr. TWA exposures. Inhaling respirable dust may aggravate existing respiratory system disease(s) and/or dysfunctions. Exposure to dust may aggravate existing skin and/or eye conditions. Use of natural sand and gravel for construction purposes is believed not to have caused acute toxic effects. Exposure to quartz-containing dust in excess of appropriate TLVs during sandblasting and foundry operations has caused acute silicosis. Symptoms of acute silicosis may include (but are not limited to) shortness of breath, coughing, fever, and weight loss. Acute silicosis can occur in less than one year and can be fatal. Chronic exposure to respirable quartz-containing dust in excess of appropriate TLVs has caused silicosis, a progressive pneumoconiosis. Sand and gravel are not listed as carcinogens on the NTP, LARC, or OSHA lists of carcinogens.

Notes to physician: Treat symptomatically.

SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in original container. Keep out of reach of children.

Procedures in case of spill or release: Pick up and re-use clean material. Avoid dusts, or use NIOSH/MSHA approved respirator.

Waste Disposal Method: If contaminated, dispose of in accordance with all Federal, State, and Local laws.

Other Precautions: Wash hands and exposed skin after use. This product is not recommended and should not be used for sandblasting, nor in foundry operations (or other operations during which dust is generated in excess of appropriate TLVs) unless and until fully adequate measures have been taken to reduce dust exposure levels below appropriate TLVs. The controls identified in Section VII of this MSDS should be applied as appropriate.

SECTION - VIII - CONTROL MEASURES

Ventilation Requirements: Provide local or general ventilation to keep dust below appropriate TLVs.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: A NIOSH/MSHA approved respirator should be used if dust exposure exceeds appropriate TLVs.

Protective Clothing: No protection normally required. Long sleeves and impervious gloves should be worn by those with unusually sensitive skin.

Eye Protection: Use of safety glasses with side shields is recommended. Dust goggles should be worn if dusty conditions are present or are anticipated.

SECTION - IX - ADDITIONAL INFORMATION

Respirable dust levels should be monitored regularly. Dust levels in excess of appropriate TLVs should be reduced by all feasible engineering controls, including (but not limited to) wet suppression, ventilation, process enclosure, and enclosed employee work stations.

SECTION - X- SARA TITLE III REQUIREMENTS

Section 302 Extremely Hazardous Substances: No

SARA Hazard Category: None

Section 311/312 Hazardous Substances: No

Carcinogenic Compound(s) (IARC/NTP/OSHA): None

Section 313 Toxic Chemicals: No

SAND AND GRAVEL

OTHER PRECAUTIONS AND COMMENTS

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

NA = NOT APPLICABLE

NI = NOT INDICATED

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